



3013 (02-09-04)

ANNUAL REPORT

OF

Name: KENOSHA WATER UTILITY

Principal Office: 4401 GREEN BAY ROAD
KENOSHA, WI 53144

For the Year Ended: DECEMBER 31, 2002

**WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN**P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than \$25 nor more than \$5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

SIGNATURE PAGE

I EDWARD ST. PETER of _____
(Person responsible for accounts)

_____, Kenosha Water Utility, certify that I
(Utility Name)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

(Signature of person responsible for accounts)	04/01/2003 (Date)
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GENERAL MANAGER

(Title)

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: KENOSHA WATER UTILITY**Utility Address:** 4401 GREEN BAY ROAD
KENOSHA, WI 53144**When was utility organized?** 1/1/1894**Report any change in name:****Effective Date:****Utility Web Site:** www.kenoshawater.org

Utility employee in charge of correspondence concerning this report:

Name: CATHY BRNAK**Title:** DIRECTOR OF BUSINESS SERVICES**Office Address:**4401 GREEN BAY ROAD
KENOSHA, WI 53144**Telephone:** (262) 653 - 4312**Fax Number:** (262) 653 - 4320**E-mail Address:** wcathyb@kenosha.org

President, chairman, or head of utility commission/board or committee:

Name: CHARLES W. BRADLEY**Title:** CHAIRMAN, BOARD OF WATER COMMISSIONERS**Office Address:**4401 GREEN BAY RD.
KENOSHA, WI 53144**Telephone:** (262) 653 - 4300**Fax Number:****E-mail Address:**

Are records of utility audited by individuals or firms, other than utility employee? YES**Individual or firm, if other than utility employee, auditing utility records:**

Name: JULIE BARRIENTOS**Title:** SENIOR MANAGER**Office Address:** KPMG303 EAST WACKER DRIVE
CHICAGO, IL 60601-5212**Telephone:** (312) 665 - 1455**Fax Number:** (312) 665 - 6032**E-mail Address:** jbarrientos@kpmg.com**Date of most recent audit report:** 3/21/2003**Period covered by most recent audit:** 1/1/2002 - 12/31/2002

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: CATHY BRNAK

Title: DIRECTOR OF BUSINESS SERVICES

Office Address:

4401 GREEN BAY RD.
KENOSHA, WI 53144

Telephone: (262) 653 - 4312

Fax Number: (262) 653 - 4320

E-mail Address: wcathyb@kenosha.org

Name: DAVID LEWIS

Title: SUPERINTENDENT OF WATER PRODUCTION

Office Address:

100 51ST PL.
KENOSHA, WI 53140

Telephone: (262) 653 - 4331

Fax Number: (262) 653 - 4362

E-mail Address: dlewis@kenoshawater.org

Name: EDWARD RAMOS

Title: SUPERINTENDENT OF WATER DISTRIBUTION

Office Address:

4401 GREEN BAY RD.
KENOSHA, WI 53144

Telephone: (262) 653 - 4328

Fax Number: (262) 653 - 4329

E-mail Address: wedr@kenosha.org

Name: EDWARD ST. PETER

Title: GENERAL MANAGER

Office Address:

4401 GREEN BAY ROAD
KENOSHA, WI 53144-1716

Telephone: (262) 653 - 4305

Fax Number: (262) 653 - 4303

E-mail Address:

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: KERRY GLOSS**Title:** DIRECTOR OF OPERATIONS**Office Address:**4401 GREEN BAY RD.
KENOSHA, WI 53144**Telephone:** (262) 653 - 4349**Fax Number:** (262) 653 - 4303**E-mail Address:** wkerryg@kenosha.org

Name: ROBERT CARLSON**Title:** DIRECTOR OF ENGINEERING**Office Address:**4401 GREEN BAY RD.
KENOSHA, WI 53144**Telephone:** (262) 653 - 4310

Name of utility commission/committee: Board of Water Commissioners**Fax Number:** (262) 653 - 4303

Names of members of utility commission/committee:MR CHARLES W. BRADLEY, CHAIRMAN
MR ERIC J. HAUGAARD
MR DONALD K. HOLLAND,
MR MICHAEL J. PITTS
MR G. JOHN RUFFOLO
MR JOHN M. WAMBOLDT

Is sewer service rendered by the utility? YES**If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.0819 of the Wisconsin Statutes?** NO**Date of Ordinance:****Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)?** NO

Provide the following information regarding the provider(s) of contract services:

IDENTIFICATION AND OWNERSHIP

Firm Name:

Contact Person:

Title:

Telephone:

Fax Number:

E-mail Address:

Contract/Agreement beginning-ending dates:

Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	9,781,610	9,672,955	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	3,938,510	4,175,394	2
Depreciation Expense (403)	1,605,937	1,525,993	3
Amortization Expense (404-407)	0	0	4
Taxes (408)	1,587,371	1,576,819	5
Total Operating Expenses	7,131,818	7,278,206	
Net Operating Income	2,649,792	2,394,749	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	2,649,792	2,394,749	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	0	0	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	(1,614)	(531)	9
Interest and Dividend Income (419)	221,512	585,394	10
Miscellaneous Nonoperating Income (421)	(5)	20,029	11
Total Other Income	219,893	604,892	
Total Income	2,869,685	2,999,641	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	0	0	13
Total Miscellaneous Income Deductions	0	0	
Income Before Interest Charges	2,869,685	2,999,641	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	1,486,331	1,560,969	14
Amortization of Debt Discount and Expense (428)	65,858	185,727	15
Amortization of Premium on Debt--Cr. (429)	0		16
Interest on Debt to Municipality (430)	34,647	35,548	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)			19
Total Interest Charges	1,586,836	1,782,244	
Net Income	1,282,849	1,217,397	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	30,763,546	29,561,834	20
Balance Transferred from Income (433)	1,282,849	1,217,397	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	0	0	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	147	15,685	25
Total Unappropriated Earned Surplus End of Year (216)	32,046,248	30,763,546	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	0	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	0	
Income from Nonutility Operations (417):		
NONE		3
Total (Acct. 417):	0	
Nonoperating Rental Income (418):		
RENTAL OF LIGHTHOUSE KEEPERS HOME - VACANT MOST OF YEAR	(1,614)	4
Total (Acct. 418):	(1,614)	
Interest and Dividend Income (419):		
MAINS & CONNECTIONS	8,350	5
SPECIAL REDEMPTION	55,357	6
DEPRECIATION	19,770	7
RENEWAL & REPLACEMENT	85,140	8
TAX ACCOUNT	27,680	9
INVESTMENT	25,215	10
Total (Acct. 419):	221,512	
Miscellaneous Nonoperating Income (421):		
MISCELLANEOUS REVENUES	(5)	11
Total (Acct. 421):	(5)	
Miscellaneous Amortization (425):		
NONE		12
Total (Acct. 425):	0	
Other Income Deductions (426):		
NONE		13
Total (Acct. 426):	0	
Miscellaneous Credits to Surplus (434):		
NONE		14
Total (Acct. 434):	0	
Miscellaneous Debits to Surplus (435):		
NONE		15
Total (Acct. 435)--Debit:	0	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		16
Total (Acct. 436)--Debit:	0	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Appropriations of Income to Municipal Funds (439):		
RENOVATIONS/EXPENSES FOR BUILDING OWNED BY CITY	147	17
Total (Acct. 439)--Debit:	147	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)					0	1
Costs and Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold					0	2
Payroll					0	3
Materials					0	4
Taxes					0	5
Other (list by major classes):						
NONE					0	6
Total costs and expenses	0	0	0	0	0	
Net income (or loss)	0	0	0	0	0	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	9,781,610	0	0	0	9,781,610	1
Less: interdepartmental sales	0		0	0	0	2
Less: interdepartmental rents	0	0		0	0	3
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				0	4
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					0	5
Other Increases or (Decreases) to Operating Revenues - Specify:						
NONE					0	6
Revenues subject to Wisconsin Remainder Assessment	9,781,610	0	0	0	9,781,610	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	1,737,527	(351,241)	1,386,286	1
Electric operating expenses			0	2
Gas operating expenses			0	3
Heating operating expenses			0	4
Sewer operating expenses		172,320	172,320	5
Merchandising and jobbing			0	6
Other nonutility expenses		33,593	33,593	7
Water utility plant accounts		139,995	139,995	8
Electric utility plant accounts			0	9
Gas utility plant accounts			0	10
Heating utility plant accounts			0	11
Sewer utility plant accounts			0	12
Accum. prov. for depreciation of water plant			0	13
Accum. prov. for depreciation of electric plant			0	14
Accum. prov. for depreciation of gas plant			0	15
Accum. prov. for depreciation of heating plant			0	16
Accum. prov. for depreciation of sewer plant			0	17
Clearing accounts			0	18
All other accounts		5,333	5,333	19
Total Payroll	1,737,527	0	1,737,527	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (101-107)	84,387,471	81,284,685	1
Less: Accumulated Provision for Depreciation and Amortization (111-116)	14,442,321	13,022,620	2
Net Utility Plant	69,945,150	68,262,065	
Utility Plant Acquisition Adjustments (117-118)	0		3
Other Utility Plant Adjustments (119)	0		4
Total Net Utility Plant	69,945,150	68,262,065	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	6,160	6,160	5
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	6
Net Nonutility Property	6,160	6,160	
Investment in Municipality (123)	0	0	7
Other Investments (124)	114,004	175,288	8
Special Funds (125-128)	0	0	9
Total Other Property and Investments	120,164	181,448	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	77,010	725,869	10
Special Deposits (132-134)	0	0	11
Working Funds (135)	500	500	12
Temporary Cash Investments (136)	9,500,000	9,500,000	13
Notes Receivable (141)	0	0	14
Customer Accounts Receivable (142)	987,289	1,018,483	15
Other Accounts Receivable (143)	24,552	31,471	16
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	0	0	17
Receivables from Municipality (145)	310,171	312,793	18
Materials and Supplies (151-163)	351,536	312,270	19
Prepayments (165)	62,652	49,246	20
Interest and Dividends Receivable (171)	390	573	21
Accrued Utility Revenues (173)	1,105,057	1,112,690	22
Miscellaneous Current and Accrued Assets (174)	16,148	16,290	23
Total Current and Accrued Assets	12,435,305	13,080,185	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	542,957	608,816	24
Other Deferred Debits (182-186)	496,616	471,688	25
Total Deferred Debits	1,039,573	1,080,504	
Total Assets and Other Debits	83,540,192	82,604,202	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	1,226,145	1,225,145	26
Appropriated Earned Surplus (215)	0		27
Unappropriated Earned Surplus (216)	32,046,248	30,763,546	28
Total Proprietary Capital	33,272,393	31,988,691	
LONG-TERM DEBT			
Bonds (221-222)	29,270,000	30,470,000	29
Advances from Municipality (223)	504,109	520,184	30
Other Long-Term Debt (224)	0	0	31
Total Long-Term Debt	29,774,109	30,990,184	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	0	32
Accounts Payable (232)	402,894	382,515	33
Payables to Municipality (233)	287,123	388,074	34
Customer Deposits (235)	1,625	2,020	35
Taxes Accrued (236)	1,495,247	1,491,094	36
Interest Accrued (237)	130,249	134,979	37
Matured Long-Term Debt (239)	0		38
Matured Interest (240)	0		39
Tax Collections Payable (241)	0		40
Miscellaneous Current and Accrued Liabilities (242)	0		41
Total Current and Accrued Liabilities	2,317,138	2,398,682	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	42
Customer Advances for Construction (252)			43
Other Deferred Credits (253)	194,987	189,298	44
Total Deferred Credits	194,987	189,298	
OPERATING RESERVES			
Property Insurance Reserve (261)	0		45
Injuries and Damages Reserve (262)	0		46
Pensions and Benefits Reserve (263)	0		47
Miscellaneous Operating Reserves (265)	0		48
Total Operating Reserves	0	0	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	17,981,565	17,037,347	49
Total Liabilities and Other Credits	83,540,192	82,604,202	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	83,285,052	0	0	0	1
Utility Plant Purchased or Sold (102)	0				2
Utility Plant in Process of Reclassification (103)	0				3
Utility Plant Leased to Others (104)	0				4
Property Held for Future Use (105)	2,371				5
Completed Construction not Classified (106)					6
Construction Work in Progress (107)	1,100,048				7
Total Utility Plant	84,387,471	0	0	0	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (111)	14,439,950	0	0	0	8
Accumulated Provision for Depreciation of Utility Plant Leased to Others (112)					9
Accumulated Provision for Depreciation of Property Held for Future Use (113)	2,371				10
Accumulated Provision for Amortization of Utility Plant in Service (114)					11
Accumulated Provision for Amortization of Utility Plant Leased to Others (115)					12
Accumulated Provision for Amortization of Property Held for Future Use (116)					13
Total Accumulated Provision	14,442,321	0	0	0	
Net Utility Plant	69,945,150	0	0	0	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT (ACCT. 111)

Depreciation Accruals (Credits) during the year:

1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	(c)	(d)	(e)	Total (f)	
Balance first of year	13,020,249				13,020,249	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	1,605,937				1,605,937	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	85,027				85,027	6
Accruals charged other						7
accounts (specify):						8
functional expense accounts	80,953				80,953	9
Salvage	22,543				22,543	10
Other credits (specify):						11
transfer from other fund	6,099				6,099	12
Total credits	1,800,559	0	0	0	1,800,559	13
Debits during year						14
Book cost of plant retired	380,374				380,374	15
Cost of removal	0				0	16
Other debits (specify):						17
net gain on sale of transportation	484				484	18
Total debits	380,858	0	0	0	380,858	19
Balance End of Year	14,439,950	0	0	0	14,439,950	20
						21
						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of \$5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			0	1
Other (specify):					
Lighthouse & Dwelling	6,160			6,160	2
Old West Filter Plant	0			0	3
Total Nonutility Property (121)	6,160	0	0	6,160	
Less accum. prov. depr. & amort. (122)	0			0	4
 Net Nonutility Property	 6,160	 0	 0	 6,160	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	0	1
Additions:		
Provision for uncollectibles during year		2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
Total Additions	<u>0</u>	
Deductions:		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
Total accounts written off	<u>0</u>	
Balance end of year	<u><u>0</u></u>	

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel (151)					0	0	1
Fuel stock expenses (152)					0	0	2
Plant mat. & oper. sup. (154)					0	0	3
Total Electric Utility					<u>0</u>	<u>0</u>	

Account	Total End of Year	Amount Prior Year	
Electric utility total	0	0	1
Water utility (154)	351,536	312,270	2
Sewer utility (154)		0	3
Heating utility (154)		0	4
Gas utility (154)		0	5
Merchandise (155)		0	6
Other materials & supplies (156)		0	7
Stores expense (163)		0	8
Total Materials and Supplies	<u><u>351,536</u></u>	<u><u>312,270</u></u>	

UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year		Balance End of Year (d)	
	Amount (b)	Account Charged or Credited (c)		
Unamortized debt discount & expense (181)				
1998 Bond Refunding Notes discount expense	36,626	428	343,527	1
1998 Bond Refunding Notes issuance expense	14,026	428	131,549	2
Amortization of Loss on Refunding	15,207	428	67,881	3
Total			542,957	
Unamortized premium on debt (251)				
NONE				4
Total			0	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	1,225,145	1
Changes during year (explain):		
DONATED 1" CONNECTION 410 - 43RD ST	1,000	2
Balance end of year	<u>1,226,145</u>	

BONDS (ACCTS. 221 AND 222)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
1998 Water Revenue Refunding Bonds	05/15/1998	12/01/2018	4.82%	29,270,000	1
Total Bonds (Account 221):				29,270,000	
Total Reacquired Bonds (Account 222)				0	2

Net amount of bonds outstanding December 31: 29,270,000

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Advances (223)					
ADVANCE FROM MUNICIPALITY	04/01/1999	04/01/2019	6.67%	504,109	1
Total for Account 223				504,109	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	1,491,094	1
Accruals:		
Charged water department expense	114,945	2
Charged electric department expense		3
Charged sewer department expense		4
Other (explain):		
PSC Remainder Assessment	9,456	5
Tax Equivalent for 2002	1,495,247	6
Total Accruals and other credits	1,619,648	
Taxes paid during year:		
County, state and local taxes	1,491,094	7
Social Security taxes	114,945	8
PSC Remainder Assessment	9,456	9
Other (explain):		
NONE		10
Total payments and other debits	1,615,495	
Balance end of year	1,495,247	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
 2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
1991 Water Revenue Bonds	0			0	1
1998 Water Revenue Refunding Bonds	126,145	1,486,331	1,490,831	121,645	2
Subtotal	126,145	1,486,331	1,490,831	121,645	
Advances from Municipality (223)					
WRS PAY OFF OF UNFUNDED OBLIGATION	8,834	34,647	34,877	8,604	3
Subtotal	8,834	34,647	34,877	8,604	
Other Long-Term Debt (224)					
NONE	0			0	4
Subtotal	0	0	0	0	
Notes Payable (231)					
NONE	0			0	5
Subtotal	0	0	0	0	
Total	134,979	1,520,978	1,525,708	130,249	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric		Sewer (e)	Gas (f)	Total (g)	
		Distribution (c)	Other (d)				
Balance First of Year	17,037,347	0	0	0	0	17,037,347	1
Add credits during year:							
For Services	39,574					39,574	2
For Mains	21,985					21,985	3
Other (specify):							
DONNATED CONNECTIONS	202,296					202,296	4
DONATED MAINS	706,410					706,410	5
Deduct charges (specify):							
REFUND ASSESSMENT	26,047					26,047	6
Balance End of Year	17,981,565	0	0	0	0	17,981,565	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						0	7

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	0	
Other Investments (124):		
LONG TERM PORTION OF WATER MAIN ASSESSMENTS	114,004	2
Total (Acct. 124):	114,004	
Sinking Funds (125):		
NONE		3
Total (Acct. 125):	0	
Depreciation Fund (126):		
NONE		4
Total (Acct. 126):	0	
Other Special Funds (128):		
NONE		5
Total (Acct. 128):	0	
Interest Special Deposits (132):		
NONE		6
Total (Acct. 132):	0	
Other Special Deposits (134):		
NONE		7
Total (Acct. 134):	0	
Notes Receivable (141):		
NONE		8
Total (Acct. 141):	0	
Customer Accounts Receivable (142):		
Water	987,289	9
Electric		10
Sewer (Regulated)		11
Other (specify):		
NONE		12
Total (Acct. 142):	987,289	
Other Accounts Receivable (143):		
Sewer (Non-regulated)		13
Merchandising, jobbing and contract work		14
Other (specify):		
WATER MAIN ASSESSMENT RECEIVABLE	17,172	15

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Other Accounts Receivable (143):		
WATER CONNECTION ASSESSMENT RECEIVABLE	7,380	16
Total (Acct. 143):	24,552	
Receivables from Municipality (145):		
TAXROLL COLLECTION	310,171	17
Total (Acct. 145):	310,171	
Prepayments (165):		
PREPAID TELEPHONE EXPENSE	6,264	18
PREPAID GPS SYSTEM MAINTENANCE	562	19
PREPAID TIP/IX USER LICENSE	2,076	20
MEMBRANE FILTER REPLACEMENT	53,750	21
Total (Acct. 165):	62,652	
Extraordinary Property Losses (182):		
NONE		22
Total (Acct. 182):	0	
Preliminary Survey and Investigation Charges (183):		
WATER SYSTEM PLAN	16,730	23
VUNERABILITY ASSESSMENT	45,251	24
Total (Acct. 183):	61,981	
Clearing Accounts (184):		
NONE		25
Total (Acct. 184):	0	
Temporary Facilities (185):		
NONE		26
Total (Acct. 185):	0	
Miscellaneous Deferred Debits (186):		
WRS OBLIGATION	434,635	27
Total (Acct. 186):	434,635	
Payables to Municipality (233):		
HEALTH INSURANCE	219,156	28
CITY STORES BILLING	396	29
CITY FUEL BILLINGS	2,109	30
CITY GARAGE BILLINGS	595	31
LIABILITY INSURANCE	64,867	32
Total (Acct. 233):	287,123	

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Other Deferred Credits (253):		
WATER CONTINGENT LIABILITY - SICK LEAVE GASB #16	194,987	33
Total (Acct. 253):	194,987	

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	81,000,316	0	0	0	81,000,316	1
Materials and Supplies	331,903	0	0	0	331,903	2
Other (specify):						
NONE					0	3
Less Average:						
Reserve for Depreciation	13,730,099	0	0	0	13,730,099	4
Customer Advances for Construction					0	5
Contributions in Aid of Construction	17,509,456	0	0	0	17,509,456	6
Other (specify):						
NONE					0	7
Average Net Rate Base	50,092,664	0	0	0	50,092,664	
Net Operating Income	2,649,792	0	0	0	2,649,792	8
Net Operating Income as a percent of Average Net Rate Base	5.29%	N/A	N/A	N/A	5.29%	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	1,225,645	1
Appropriated Earned Surplus	0	2
Unappropriated Earned Surplus	31,404,897	3
Other (Specify):		
NONE		4
Total Average Proprietary Capital	32,630,542	
Net Income		
Net Income	1,282,849	5
Percent Return on Proprietary Capital	3.93%	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

In November, 1997, the Utility signed cooperative agreements with the Village of Pleasant Prairie and the Town of Bristol. These agreements provide for the orderly expansion of the Village and the City west of Interstate 94 through boundary adjustments while preserving the Town of Bristol. The agreements determine the future service areas of the Utility for retail and wholesale service of water and sewer service. The PSC approved the change in water service boundaries, transfer of customers, facilities and obligations. Also approved was permission to construct a water transmission main to Bristol. This is PSC order 2820-WB-102 approved 5/13/97.

Assets currently owned by Bristol but in the area designated to be a Kenosha Water Utility retail service area will be purchased by the Utility at net book value less associated contributions. A tentative valuation of assets done in December 1996, indicated a purchase price of \$740,228 for water system assets. The transfer of assets was expected to occur in 1998 but will occur in 2003. The water meters became operational on 2-15-03. The Utility has contracted and had water main installed under Interstate Highway 94 to service a portion of Bristol and the newly acquired City of Kenosha areas. The area south of Highway 50 will be serviced as a wholesale customer through two master meters. The area north of Highway 50 will be a retail service area.

Water began flowing West of Interstate 94 on a wholesale and retail basis on October 11, 2001. The two master meters, as agreed to in the cooperative agreement with Bristol, have not been installed. Therefore, the assets have not been transferred to Kenosha Water Utility and added to our books. Retail customers are billed at Kenosha Water Utility retail rates for water and sewer. Bristol is billed at the tariff wholesale rate for volume used by users south of Highway 50 as well as a PFP charge.

2. Leaseholder changes.

3. Extensions of service.

In 2002 the Kenosha Water Utility accepted subdivisions from five developers. Assets are only added to the Utility's books after the Utility's Engineering Services staff insures installation complies with KWU standards and the Board of Water Commissioners accepts the assets. Consequently there are subdivisions with retail water customers that do not have the main, hydrants and services recorded on KWU books. The following figures include KWU costs:

	Stonefield	Fireside Estates	Park Vue North	Park Ridge #2 & 3
. Main	\$558,995.05	\$32,578.42	\$11,316.13	\$65,897.61
. Hydrants	52,629.70	6,600.00	4,292.02	8,031.39
. Services	117,117.99	17,500.00	4,751.67	28,201.50
.				
.	<u>\$728,742.74</u>	<u>\$56,678.42</u>	<u>\$20,359.82</u>	<u>\$102,130.50</u>
.				
.	14 Ave & 81 St.			
.Main	\$12,031.60			
.Hydrants	0.00			
.Services	3,000.00			
.				
.	<u>\$15,031.60</u>			

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

4. Estimated changes in revenues due to rate changes.

The Utility increased rates effective December 31, 1998, per PSC order 2820-WR-103. The rate increase granted a 7.5% rate of return on net investment rate base. This was the first rate increase since 1995. The primary reason for the increase is the addition of utility plant which is a \$28 million upgrade to the treatment and pumping facilities. The overall increase in rates was 28% or additional revenue of \$1,993,861. Increases by customer class were:

General Service	31%
Wholesale	38%
Public Fire Protection	4%

Historial information related to this has been:

Year	Rate of Return	Rate Base	Net Operating Income
1997	9.33%	18,348,934	1,712,224
1998	6.02%	32,361,317	1,947,271
1999	7.41%	47,256,282	3,500,518
2000	5.40%	48,402,943	2,613,421
2001	5.06%	49,021,198	2,479,058
2002	5.29%	50,092,664	2,649,792

IMPORTANT CHANGES DURING THE YEAR**Report changes of any of the following types:****5. Obligations incurred or assumed, excluding commercial paper.**

On May 16, 1998, the Utility issued water revenue refunding bonds in the amount of \$33,765,000. This issue defeased the 1991 Revenue Bonds and the 1996 Bond Anticipation Notes. Unamortized costs associated with the 1991 and 1996 bond were not written off but instead will be amortized over the remaining issue lives along with the loss on the refunding of \$247,879. The following amortization schedule is being used:

Annual	Unamortized Discount and Issuing Costs				Total
	at Refinancing Date of May 15, 1998				Amortization
	1991	1996	Total Unamor-	Additional	of Loss on
	Issue	Issue	tized Costs	Funds Required	Refinancing
1998	7,058	46,775	53,833	37,977	91,810
1999	10,762	74,839	85,601	60,389	145,990
2000	10,192	74,839	85,031	59,987	145,018
2001	9,581	68,603	78,184	55,156	133,340
2002	8,917		8,917	6,291	15,208
2003	8,198		8,198	5,783	13,981
2004	7,402		7,402	5,222	12,624
2005	6,547		6,547	4,619	11,166
2006	5,635		5,635	3,975	9,610
2007	4,653		4,653	3,283	7,936
2008	3,603		3,603	2,542	6,145
2009	2,482		2,482	1,751	4,233
2010	1,282		1,282	904	2,186
	<u>86,312</u>	<u>265,056</u>	<u>351,368</u>	<u>247,879</u>	<u>599,247</u>

This methodology has been approved by the PSC in the 1998 Rate Case. Costs are being amortized to account 428. This is in addition to discount and issuance costs on the 1998 issue.

In 1999 the City of Kenosha reviewed the outstanding unfunded liability for Wisconsin Retirement System (WRS) purposes. The City, of which the Utility is a part for WRS purposes, determined that it could realize a savings by issuing debt to pay off the unfunded obligation to the State. The unfunded obligation was on a 40 year repayment schedule with an 8% interest rate. The City issued a taxable General Obligation Bond for 20 years and paid off the unfunded liability in May 1999.

The water division of the Utility recorded an advance from the municipality (acct 223) and a debit to miscellaneous deferred debits (acct 186) for \$535,467.96. Amortization of the deferred debit is discussed in the footnote associated with account 186. The Advance from Municipality will be handled like normal debt but with interest charged to account 430. The following is the debt schedule:

Advance from Municipality		
Repayment of WRS Payoff of Unfunded Liability		
Date	Principal	Interest
10/01/1999		\$12,060.11
04/01/2000		18,090.16
10/01/2000		18,090.16
04/01/2001	\$15,284.03	18,090.16
10/01/2001		17,668.32
04/01/2002	16,074.58	17,668.32

IMPORTANT CHANGES DURING THE YEAR**Report changes of any of the following types:**

.	10/01/2002		17,209.39
.	04/01/2003	17,128.65	17,209.39
.	10/01/2003		16,703.24
.	04/01/2004	18,182.72	16,703.24
.	10/01/2004		16,155.03
.	04/01/2005	19,236.79	16,155.03
.	10/01/2005		15,561.58
.	04/01/2006	20,290.86	15,561.58
.	10/01/2006		14,926.47
.	04/01/2007	21,608.45	14,926.47
.	10/01/2007		14,241.48
.	04/01/2008	22,926.04	14,241.48
.	10/01/2008		13,509.00
.	04/01/2009	24,507.15	13,509.00
.	10/01/2009		12,719.87
.	04/01/2010	26,088.25	12,719.87
.	10/01/2010		11,827.65
.	04/01/2011	27,932.88	11,827.65
.	10/01/2011		10,872.34
.	04/01/2012	29,777.50	10,872.34
.	10/01/2012		9,853.96
.	04/01/2013	31,885.64	9,853.96
.	10/01/2013		8,763.46
.	04/01/2014	33,993.78	8,763.46
.	10/01/2014		7,600.88
.	04/01/2015	36,365.44	7,600.88
.	10/01/2015		6,288.09
.	04/01/2016	39,000.62	6,288.09
.	10/01/2016		4,880.16
.	04/01/2017	41,899.31	4,880.16
.	10/01/2017		3,367.60
.	04/01/2018	45,061.53	3,367.60
.	10/01/2018		1,740.88
.	04/01/2019	48,223.74	1,740.88
.			
.		<u>\$535,467.96</u>	<u>\$474,109.39</u>

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

6. Formal proceedings with the Public Service Commission.

The Kenosha Water Utility has procured, installed and is operating sixteen US Filter microfiltration units. This was done under PSC construction authorization 2820-CW-105. The quality of the finished water has exceeded expectations. However, the contract with US Filter requires that the units be able to produce a continuous 16 MGD when water temperature is above 65 degrees F, and short term peak of 18.9 MGD when the temperature is above 68 degrees F with low turbidity. Through months of testing and process modifications, US Filter and the Kenosha Water Utility have agreed that the maximum capacity that the sixteen units can produce is 13 MGD.

The PSC has been informed of the situation and has acknowledged the Utility's proposed addition of a third train of microfiltration units under construction authorization 2820-CW-105. This is per a letter from David Sheard dated September 12, 2000. The total additional cost is \$2.25 million. Conditions of the original authorization remain valid for construction of these units. Agreement has been reached for US Filter to supply nine, 108M10C units to the Kenosha Water Utility for approximately \$1.5 million. The total capacity of the twenty-five microfiltration units will be 21.7 MGD.

These units are operational by April 2002. These have been added in 2002 to asset classification account 332; Water Treatment Equipment. The final cost of the added work was \$2,193,665. A letter will be sent to the PSC to request this project closed.

7. Any additional matters.

FINANCIAL SECTION FOOTNOTES

Balance Sheet End-of-Year Account Balances (Page F-19)

Miscellaneous Deferred Debit - WRS Obligation

The Water Utility's proportionate share of the pay off made by the City of the Employee Trust Fund unfunded obligation has been recorded by a debit to account 186, Miscellaneous Deferred Debits and a credit to account 223, Advances from Municipality. This was as directed by Bruce Manthey of the PSC in his 1/27/2000 letter, file DWCCA-2820-BJM. After initial discussions with PSC staff an amortization method based on anticipated payroll expense increases will be proposed to PSC for approval. The method amortizes the \$535,467.96 deferred debit, account 223, over a period of 20 years assuming a 2.5% increase in payroll costs per year. The schedule is shown below including the Water Utility's share of the Act 21 credit:

.	.	.	.
.	.	WRS Unfunded Obligation Amortization	.
.	.	Assumes 2.5% annual wage increase	.
.	Year	2000	1.0000 \$20,962.05
.		2001	1.0250 19,827.31
.		2002	1.0506 20,323.00
.		2003	1.0769 20,831.07
.		2004	1.1038 21,351.85
.		2005	1.1314 21,885.64
.		2006	1.1597 22,432.79
.		2007	1.1887 22,993.60
.		2008	1.2184 23,568.44
.		2009	1.2489 24,157.66
.		2010	1.2801 24,761.60
.		2011	1.3121 25,380.64
.		2012	1.3449 26,015.15
.		2013	1.3785 26,665.53
.		2014	1.4130 27,332.17
.		2015	1.4483 28,015.47
.		2016	1.4845 28,715.86
.		2017	1.5216 29,433.76
.		2018	1.5597 30,169.60
.		2019	1.5987 30,923.85
.			
.		<u>24.5447</u>	<u>\$495,747.04</u>

FINANCIAL SECTION FOOTNOTES

Identification and Ownership - Contacts (Page iv)

10/7/03 email response Todd Giese <wtoddg@kenosha.org>:

1. When main donated by developers is added to Utility records it is inspected before it is formally accepted by the Board of Water Commissioners. It is added to our ledger at the=20 installation cost incurred by the developer plus any costs incurred by the Utility. These types of installations generally have no assessments levied.

Water main installations by the Utility are assessed to benefiting property owners. Assessments are made and notice given as required by Wisconsin State Statutes 66.0703 and 66.0721. Rates are set by the Board of Water Commissioners. Rates are also on file with the Public Service Commission of Wisconsin. Assessments are based on the front footage of the property. A side lot exemption of 150 feet is allowed for corner lots.

Assessments are deferred on land zoned agricultural and land not currently within the assessment authority of the Utility, i.e. land outside of the city limits. The customer is given all legal notices regarding the installation. After installation the customer has thirty days to pay interest free. If unpaid,=20 interest accrues at 7.5% per annum. In November of each year unpaid assessments are placed on the tax roll as special=20 assessments for collection.

Items 2, 3 & 4 are noted for the 2003 annual report.

10/6/03 email:

Dear Ms. Brnak:

The Public Service Commission (Commission) staff has completed its analytical review of your utility's 2002 annual report. The primary purpose of the analytical review is to detect possible reporting or accounting related errors and also to identify significant fluctuations from prior years' data that are not sufficiently explained in the annual report. The analytical review did identify the following issues:

1. On Page W-17, a schedule footnote indicates that main additions were financed by the utility, or assessments levied if applicable. On Page F-18, \$21,985 is reported as a mains contribution. Please indicate if this was an assessment, the basis for the assessment, or otherwise explain who contributed this amount and the basis for the charges.

2. On Page W-7, an other tax - local is reported. We wrote about this last year and it was explained to be a library and museum tax. Please provide this explanation in the footnotes every year that this tax rate is in effect.

3. On Page W-19, eight 2-inch residential meters are reported. We wrote about this last year and it was explained that these are large homes with

FINANCIAL SECTION FOOTNOTES

long setbacks. Please provide this explanation in the footnotes every year that there are residential meters 2-inches or larger reported.

4. The amount reported for utility plant Jan. 1 on Page W-7, does not agree with the amount reported for plant on Page F-7 of the prior year report. The difference is property held for future use. The difference is immaterial; however, in the future, please use the amount from Page F-7 of the prior year report for the utility plant Jan. 1.

Responding to the questions posed from the analytical review does not preclude you from possibly receiving other inquiries from our office regarding your annual report in the future: for instance, during a rate case, construction authorization, or other Commission reviews.

We appreciate your cooperation in providing the above information. If you have any questions, please feel free to contact me at (608) 266-3768. Please respond within 30 days of this letter. We prefer that you respond by e-mail if it is convenient for you to do so. My e-mail address is elaine.engelke@psc.state.wi.us. If we have no questions regarding your response, you can consider the review closed.

Sincerely,

Elaine Engelke
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	9,571,420	1
Total Sales of Water	9,571,420	
Other Operating Revenues		
Forfeited Discounts (470)	75,033	2
Miscellaneous Service Revenues (471)	12,820	3
Rents from Water Property (472)	24,000	4
Interdepartmental Rents (473)	0	5
Other Water Revenues (474)	98,337	6
Amortization of Construction Grants (475)	0	7
Total Other Operating Revenues	210,190	
Total Operating Revenues	9,781,610	
Operation and Maintenance Expenses		
Source of Supply Expense (600-617)	2,588	8
Pumping Expenses (620-633)	793,945	9
Water Treatment Expenses (640-652)	753,280	10
Transmission and Distribution Expenses (660-678)	1,322,749	11
Customer Accounts Expenses (901-905)	242,125	12
Sales Expenses (910)	0	13
Administrative and General Expenses (920-932)	823,823	14
Total Operation and Maintenance Expenses	3,938,510	
Other Operating Expenses		
Depreciation Expense (403)	1,605,937	15
Amortization Expense (404-407)	0	16
Taxes (408)	1,587,371	17
Total Other Operating Expenses	3,193,308	
Total Operating Expenses	7,131,818	
NET OPERATING INCOME	2,649,792	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Account 460, Unmetered Sales to General Customers - Gallons of Water Sold should not include in any way quantity of water, i.e. metered, or measured by tank or pool volume. The quantity should be estimated based on size of pipe, flow, foot of frontage, etc. Bulk water sales should be Account 460 if the quantity is estimated and should be Account 461 if metered or measured by volume. Water related to construction should be a measured sale of water (either Account 461 or Account 464).
5. Other accounts: see application Help files for details.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential	302	6,650	7,575	1
Commercial	41	2,900	5,393	2
Industrial	0			3
Total Unmetered Sales to General Customers (460)	343	9,550	12,968	
Metered Sales to General Customers (461)				
Residential	25,025	1,897,541	4,616,203	4
Commercial	3,029	1,077,408	2,109,250	5
Industrial	74	370,961	505,678	6
Total Metered Sales to General Customers (461)	28,128	3,345,910	7,231,131	
Private Fire Protection Service (462)	358		110,181	7
Public Fire Protection Service (463)	1		943,383	8
Other Sales to Public Authorities (464)	169	109,876	222,012	9
Sales to Irrigation Customers (465)	3	2,346	4,151	10
Sales for Resale (466)	19	793,662	1,047,594	11
Interdepartmental Sales (467)	0			12
Total Sales of Water	29,021	4,261,344	9,571,420	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)	
TOWN OF BRISTOL	7007 122ND AVE.	11,454	16,975	1
TOWN OF SOMERS	3000 12TH STREET	38,872	55,312	2
TOWN OF SOMERS	4098 15TH STREET	19,292	27,931	3
TOWN OF SOMERS	3801 GREEN BAY ROAD	8	965	4
TOWN OF SOMERS	1701 SHERIDAN ROAD	60,983	86,702	5
TOWN OF SOMERS	3898 12TH STREET	797	2,067	6
TOWN OF SOMERS	1201 22ND AVENUE	15,505	22,635	7
TOWN OF SOMERS	6201 50TH STREET	171	781	8
TOWN OF SOMERS	4042 18TH STREET	155	1,641	9
VILLAGE OF PLEASANT PRAIRIE	8199 GREEN BAY ROAD	159,998	204,584	10
VILLAGE OF PLEASANT PRAIRIE	7431 88TH AVENUE	49,436	64,339	11
VILLAGE OF PLEASANT PRAIRIE	4300 85TH STREET	199,434	254,776	12
VILLAGE OF PLEASANT PRAIRIE	1800 91ST STREET	11,745	15,900	13
VILLAGE OF PLEASANT PRAIRIE	8229 63RD AVENUE	6,078	8,686	14
VILLAGE OF PLEASANT PRAIRIE	11734 75TH STREET	9,085	12,513	15
VILLAGE OF PLEASANT PRAIRIE	8951 39TH AVENUE	10,801	14,697	16
VILLAGE OF PLEASANT PRAIRIE	8501 7TH AVENUE (7/97)	38,158	49,986	17
VILLAGE OF PLEASANT PRAIRIE	8501 7TH AVENUE (10/02)	5,888	7,860	18
VILLAGE OF PLEASANT PRAIRIE	8499 COOPER ROAD	155,802	199,244	19
Total		793,662	1,047,594	

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than \$10,000 (class AB), \$5,000 (class C) and \$2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1 or Fd-1)	884,366	1
Wholesale fire protection billed	59,017	2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	943,383	
Forfeited Discounts (470):		
Customer late payment charges	75,033	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	75,033	
Miscellaneous Service Revenues (471):		
HYDRANT PERMITS	6,700	7
TURN ON CHARGES	1,023	8
BACTI TESTS	1,327	9
METER RESETS	3,066	10
POOL FILLS	704	11
Total Miscellaneous Service Revenues (471)	12,820	
Rents from Water Property (472):		
CELL PHONE ANTENNA ON WATER TOWER	24,000	12
Total Rents from Water Property (472)	24,000	
Interdepartmental Rents (473):		
NONE		13
Total Interdepartmental Rents (473)	0	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department	98,337	14
Other (specify):		
NONE		15
Total Other Water Revenues (474)	98,337	
Amortization of Construction Grants (475):		
NONE		16
Total Amortization of Construction Grants (475)	0	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Supervision and Engineering (600)		1
Operation Labor and Expenses (601)		2
Purchased Water (602)		3
Miscellaneous Expenses (603)		4
Rents (604)		5
Maintenance Supervision and Engineering (610)		6
Maintenance of Structures and Improvements (611)		7
Maintenance of Collecting and Impounding Reservoirs (612)		8
Maintenance of Lake, River and Other Intakes (613)	2,588	9
Maintenance of Wells and Springs (614)		10
Maintenance of Infiltration Galleries and Tunnels (615)		11
Maintenance of Supply Mains (616)		12
Maintenance of Miscellaneous Water Source Plant (617)		13
Total Source of Supply Expenses	2,588	
PUMPING EXPENSES		
Operation Supervision and Engineering (620)	34,904	14
Fuel for Power Production (621)		15
Power Production Labor and Expenses (622)		16
Fuel or Power Purchased for Pumping (623)	554,949	17
Pumping Labor and Expenses (624)	91,232	18
Expenses Transferred--Credit (625)		19
Miscellaneous Expenses (626)	13,680	20
Rents (627)	5,400	21
Maintenance Supervision and Engineering (630)		22
Maintenance of Structures and Improvements (631)	33,165	23
Maintenance of Power Production Equipment (632)	905	24
Maintenance of Pumping Equipment (633)	59,710	25
Total Pumping Expenses	793,945	
WATER TREATMENT EXPENSES		
Operation Supervision and Engineering (640)	68,372	26
Chemicals (641)	61,251	27

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
WATER TREATMENT EXPENSES		
Operation Labor and Expenses (642)	227,519	28
Miscellaneous Expenses (643)	6,120	29
Rents (644)		30
Maintenance Supervision and Engineering (650)		31
Maintenance of Structures and Improvements (651)	28,312	32
Maintenance of Water Treatment Equipment (652)	361,706	33
Total Water Treatment Expenses	753,280	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Supervision and Engineering (660)	30,879	34
Storage Facilities Expenses (661)		35
Transmission and Distribution Lines Expenses (662)	35,565	36
Meter Expenses (663)	40,285	37
Customer Installations Expenses (664)	982	38
Miscellaneous Expenses (665)	337,163	39
Rents (666)		40
Maintenance Supervision and Engineering (670)	46,151	41
Maintenance of Structures and Improvements (671)		42
Maintenance of Distribution Reservoirs and Standpipes (672)	174,214	43
Maintenance of Transmission and Distribution Mains (673)	437,115	44
Maintenance of Fire Mains (674)		45
Maintenance of Services (675)	148,032	46
Maintenance of Meters (676)	35,063	47
Maintenance of Hydrants (677)	37,300	48
Maintenance of Miscellaneous Plant (678)		49
Total Transmission and Distribution Expenses	1,322,749	
CUSTOMER ACCOUNTS EXPENSES		
Supervision (901)	0	50
Meter Reading Labor (902)	47,040	51
Customer Records and Collection Expenses (903)	195,085	52
Uncollectible Accounts (904)	0	53

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 15 percent, but not less than \$10,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Miscellaneous Customer Accounts Expenses (905)		54
Total Customer Accounts Expenses	242,125	
SALES EXPENSES		
Sales Expenses (910)	0	55
Total Sales Expenses	0	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	155,031	56
Office Supplies and Expenses (921)	32,730	57
Administrative Expenses Transferred--Credit (922)		58
Outside Services Employed (923)	102,095	59
Property Insurance (924)	34,864	60
Injuries and Damages (925)	37,139	61
Employee Pensions and Benefits (926)	444,892	62
Regulatory Commission Expenses (928)		63
Duplicate Charges--Credit (929)		64
Miscellaneous General Expenses (930)	17,072	65
Rents (931)		66
Maintenance of General Plant (932)		67
Total Administrative and General Expenses	823,823	
Total Operation and Maintenance Expenses	3,938,510	

TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.
--

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		1,495,247	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department		32,277	2
Net property tax equivalent		1,462,970	
Social Security		114,945	3
PSC Remainder Assessment		9,456	4
Other (specify): NONE			5
Total tax expense		1,587,371	

PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.0811(2). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Kenosha				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.201100				3
County tax rate	mills		4.906500				4
Local tax rate	mills		8.967500				5
School tax rate	mills		9.048100				6
Voc. school tax rate	mills		1.564200				7
Other tax rate - Local	mills		1.206000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		25.893400				10
Less: state credit	mills		1.223000				11
Net tax rate	mills		24.670400				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		8.967500				14
Combined School Tax Rate	mills		10.612300				15
Other Tax Rate - Local	mills		1.206000				16
Total Local & School Tax	mills		20.785800				17
Total Tax Rate	mills		25.893400				18
Ratio of Local and School Tax to Total	dec.		0.802745				19
Total tax net of state credit	mills		24.670400				20
Net Local and School Tax Rate	mills		19.804043				21
Utility Plant, Jan. 1	\$	81,282,314	81,282,314				22
Materials & Supplies	\$	312,270	312,270				23
Subtotal	\$	81,594,584	81,594,584				24
Less: Plant Outside Limits	\$	5,551,308	5,551,308				25
Taxable Assets	\$	76,043,276	76,043,276				26
Assessment Ratio	dec.		0.992883				27
Assessed Value	\$	75,502,076	75,502,076				28
Net Local & School Rate	mills		19.804043				29
Tax Equiv. Computed for Current Year	\$	1,495,246	1,495,246				30
Tax Equivalent per 1994 PSC Report	\$	1,033,306					31
Any lower tax equivalent as authorized by municipality (see note 6)	\$						32
Tax equiv. for current year (see note 6)	\$	1,495,247					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	0	0	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	0		4
Structures and Improvements (311)	1,136,363		5
Collecting and Impounding Reservoirs (312)	268,711		6
Lake, River and Other Intakes (313)	1,525,913		7
Wells and Springs (314)	0		8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	453,082		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	3,384,069	0	
PUMPING PLANT			
Land and Land Rights (320)	19,328		12
Structures and Improvements (321)	3,480,215		13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	467,352	7,059	15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	3,796,730	42,762	17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	8,647		20
Total Pumping Plant	7,772,272	49,821	
WATER TREATMENT PLANT			
Land and Land Rights (330)	27,033		21
Structures and Improvements (331)	8,128,288	12,267	22
Water Treatment Equipment (332)	12,711,933	2,297,665	23
Total Water Treatment Plant	20,867,254	2,309,932	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	305,382	832	24
Structures and Improvements (341)	0		25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			0	1
Franchises and Consents (302)			0	2
Miscellaneous Intangible Plant (303)			0	3
Total Intangible Plant	0	0	0	
SOURCE OF SUPPLY PLANT				
Land and Land Rights (310)			0	4
Structures and Improvements (311)			1,136,363	5
Collecting and Impounding Reservoirs (312)			268,711	6
Lake, River and Other Intakes (313)			1,525,913	7
Wells and Springs (314)			0	8
Infiltration Galleries and Tunnels (315)			0	9
Supply Mains (316)			453,082	10
Other Water Source Plant (317)			0	11
Total Source of Supply Plant	0	0	3,384,069	
PUMPING PLANT				
Land and Land Rights (320)			19,328	12
Structures and Improvements (321)	14,126		3,466,089	13
Boiler Plant Equipment (322)			0	14
Other Power Production Equipment (323)			474,411	15
Steam Pumping Equipment (324)			0	16
Electric Pumping Equipment (325)	50,812		3,788,680	17
Diesel Pumping Equipment (326)			0	18
Hydraulic Pumping Equipment (327)			0	19
Other Pumping Equipment (328)			8,647	20
Total Pumping Plant	64,938	0	7,757,155	
WATER TREATMENT PLANT				
Land and Land Rights (330)			27,033	21
Structures and Improvements (331)			8,140,555	22
Water Treatment Equipment (332)			15,009,598	23
Total Water Treatment Plant	0	0	23,177,186	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			306,214	24
Structures and Improvements (341)			0	25

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over \$100,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	4,626,372		26
Transmission and Distribution Mains (343)	28,951,099	1,623,221	27
Fire Mains (344)	0		28
Services (345)	4,540,027	301,809	29
Meters (346)	3,283,002	401,894	30
Hydrants (348)	2,634,170	161,496	31
Other Transmission and Distribution Plant (349)	0		32
Total Transmission and Distribution Plant	44,340,052	2,489,252	
GENERAL PLANT			
Land and Land Rights (389)	0		33
Structures and Improvements (390)	0		34
Office Furniture and Equipment (391)	97,826	2,766	35
Computer Equipment (391.1)	334,866	33,117	36
Transportation Equipment (392)	753,307	49,825	37
Stores Equipment (393)	1,746		38
Tools, Shop and Garage Equipment (394)	201,886	5,709	39
Laboratory Equipment (395)	128,282	2,379	40
Power Operated Equipment (396)	337,194		41
Communication Equipment (397)	43,477		42
SCADA Equipment (397.1)	449,244		43
Miscellaneous Equipment (398)	4,106	945	44
Other Tangible Property (399)	0		45
Total General Plant	2,351,934	94,741	
Total utility plant in service directly assignable	78,715,581	4,943,746	
Common Utility Plant Allocated to Water Department	0		46
Total utility plant in service	78,715,581	4,943,746	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)	1,609		4,624,763	26
Transmission and Distribution Mains (343)	16,047		30,558,273	27
Fire Mains (344)			0	28
Services (345)	1,351		4,840,485	29
Meters (346)	216,617		3,468,279	30
Hydrants (348)	19,107	6,099	2,782,658	31
Other Transmission and Distribution Plant (349)			0	32
Total Transmission and Distribution Plant	254,731	6,099	46,580,672	
GENERAL PLANT				
Land and Land Rights (389)			0	33
Structures and Improvements (390)			0	34
Office Furniture and Equipment (391)	1,436		99,156	35
Computer Equipment (391.1)	31,883		336,100	36
Transportation Equipment (392)	18,109		785,023	37
Stores Equipment (393)			1,746	38
Tools, Shop and Garage Equipment (394)	3,121		204,474	39
Laboratory Equipment (395)			130,661	40
Power Operated Equipment (396)			337,194	41
Communication Equipment (397)	6,156		37,321	42
SCADA Equipment (397.1)			449,244	43
Miscellaneous Equipment (398)			5,051	44
Other Tangible Property (399)			0	45
Total General Plant	60,705	0	2,385,970	
Total utility plant in service directly assignable	380,374	6,099	83,285,052	
Common Utility Plant Allocated to Water Department			0	46
Total utility plant in service	380,374	6,099	83,285,052	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
SOURCE OF SUPPLY PLANT				
Structures and Improvements (311)	68,181	2.00%	22,727	1
Collecting and Impounding Reservoirs (312)	108,468	1.67%	4,487	2
Lake, River and Other Intakes (313)	527,271	1.67%	25,483	3
Wells and Springs (314)	0			4
Infiltration Galleries and Tunnels (315)	0			5
Supply Mains (316)	0	1.33%	24,104	6
Other Water Source Plant (317)	0			7
Total Source of Supply Plant	703,920		76,801	
PUMPING PLANT				
Structures and Improvements (321)	108,988	2.00%	69,488	8
Boiler Plant Equipment (322)	0			9
Other Power Production Equipment (323)	27,555	4.00%	18,835	10
Steam Pumping Equipment (324)	0			11
Electric Pumping Equipment (325)	297,946	3.33%	126,297	12
Diesel Pumping Equipment (326)	0			13
Hydraulic Pumping Equipment (327)	0			14
Other Pumping Equipment (328)	(9,327)	4.00%	12,346	15
Total Pumping Plant	425,162		226,966	
WATER TREATMENT PLANT				
Structures and Improvements (331)	1,227,402	2.00%	162,688	16
Water Treatment Equipment (332)	2,130,952	3.24%	449,089	17
Total Water Treatment Plant	3,358,354		611,777	
TRANSMISSION AND DISTRIBUTION PLANT				
Structures and Improvements (341)	0	2.50%		18
Distribution Reservoirs and Standpipes (342)	1,215,342	1.86%	86,036	19
Transmission and Distribution Mains (343)	2,879,506	0.93%	276,719	20
Fire Mains (344)	0			21
Services (345)	1,759,895	2.09%	98,026	22
Meters (346)	794,139	5.00%	168,782	23
Hydrants (348)	617,265	1.59%	43,112	24
Other Transmission and Distribution Plant (349)	0			25
Total Transmission and Distribution Plant	7,266,147		672,675	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
311					90,908	1
312					112,955	2
313					552,754	3
314					0	4
315					0	5
316					24,104	6
317					0	7
	0	0	0	0	780,721	
321	14,126				164,350	8
322					0	9
323					46,390	10
324					0	11
325	50,812				373,431	12
326					0	13
327					0	14
328					3,019	15
	64,938	0	0	0	587,190	
331					1,390,090	16
332					2,580,041	17
	0	0	0	0	3,970,131	
341					0	18
342	1,609				1,299,769	19
343	16,047				3,140,178	20
344					0	21
345	1,351				1,856,570	22
346	216,617		15,833		762,137	23
348	19,107		3,916	6,099	651,285	24
349					0	25
	254,731	0	19,749	6,099	7,709,939	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER

1. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount in a schedule footnote.
2. If more than one depreciation rate is used, report the average rate in column (c).

Primary Plant Accounts (a)	Balance First of Year (b)	Rate % Used (c)	Accruals During Year (d)	
GENERAL PLANT				
Structures and Improvements (390)	0	2.86%		26
Office Furniture and Equipment (391)	38,725	5.88%	5,791	27
Computer Equipment (391.1)	168,177	14.29%	34,366	28
Transportation Equipment (392)	534,695	12.86%	42,772	29
Stores Equipment (393)	742	5.88%	103	30
Tools, Shop and Garage Equipment (394)	179,473	5.88%	11,947	31
Laboratory Equipment (395)	38,167	5.88%	7,613	32
Power Operated Equipment (396)	160,552	9.00%	25,241	33
Communication Equipment (397)	11,396	9.09%	3,672	34
SCADA Equipment (397.1)	132,788	10.00%	51,924	35
Miscellaneous Equipment (398)	1,951	5.88%	269	36
Other Tangible Property (399)	0			37
Total General Plant	1,266,666		183,698	
Total accum. prov. directly assignable	13,020,249		1,771,917	
 Common Utility Plant Allocated to Water Department	 0			 38
 Total accum. prov. for depreciation	 13,020,249		 1,771,917	

ACCUMULATED PROVISION FOR DEPRECIATION - WATER (cont.)

Account (e)	Book Cost of Plant Retired (f)	Cost of Removal (g)	Salvage (h)	Adjustments Increase or (Decrease) (i)	Balance End of Year (j)	
390					0	26
391	1,436		499		43,579	27
391.1	31,883				170,660	28
392	18,109		2,295	(484)	561,169	29
393					845	30
394	3,121				188,299	31
395					45,780	32
396					185,793	33
397	6,156				8,912	34
397.1					184,712	35
398					2,220	36
399					0	37
	60,705	0	2,794	(484)	1,391,969	
	380,374	0	22,543	5,615	14,439,950	
					0	38
	380,374	0	22,543	5,615	14,439,950	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Expanded definitions of the three types of accounted-for water reported on this schedule are included in the schedule Help and in the Reference Manual Schedule Reference Sheet.

Month (a)	Sources of Water Supply			Total Gallons All Methods (000's) (e)	
	Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)		
January		421,157		421,157	1
February		364,777		364,777	2
March		404,936		404,936	3
April		403,699		403,699	4
May		433,167		433,167	5
June		505,066		505,066	6
July		687,781		687,781	7
August		562,621		562,621	8
September		476,397		476,397	9
October		438,184		438,184	10
November		410,645		410,645	11
December		422,426		422,426	12
Total annual pumpage	0	5,530,856	0	5,530,856	
Less: Water sold				4,261,344	13
Volume pumped but not sold				1,269,512	14
Volume sold as a percent of volume pumped				77%	15
Volume used for water production, water quality and system maintenance				572,665	16
Volume related to equipment/system malfunction				214,576	17
Non-utility volume NOT included in water sales				0	18
Total volume not sold but accounted for				787,241	19
Volume pumped but unaccounted for				482,271	20
Percent of water lost				9%	21
If more than 15%, indicate causes and state what action has been taken to reduce water loss:					22
Maximum gallons pumped by all methods in any one day during reporting year (000 gal.)				24,930	23
Date of maximum: 7/22/2002					24
Cause of maximum:					25
Hot dry weather					
Minimum gallons pumped by all methods in any one day during reporting year (000 gal.)				9,670	26
Date of minimum: 12/25/2002					27
Total KWH used for pumping for the year				10,250,520	28
If water is purchased: Vendor Name:					29
Point of Delivery:					30

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)
-------------------------	--	----------------------------------	--	---	--

NONE

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Identification Number (b)	Intakes			
		Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
LAKE MICHIGAN	1	4,200	35	42	1
LAKE MICHIGAN	2	4,150	40	48	2
HARBOR INTAKE	3	0	8	24	3

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	30TH AVENUE, PUMP #1	30TH AVENUE, PUMP #2	30TH AVENUE, PUMP #3	1
Location	2040 30TH AVENUE	2040 30TH AVENUE	2040 30TH AVENUE	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	AURORA	FAIRBANKS MORSE	FAIRBANKS MORSE	5
Year Installed	1970	1982	1982	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,050	2,100	2,100	8
Pump Motor or Standby Engine Mfr	LOUIS ALLIS	SIEMENS ALLIS	SIEMENS ALLIS	9
Year Installed	1970	1982	1982	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	50	125	125	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	52ND STREET, PUMP #1	52ND STREET, PUMP #2	58TH STREET, PUMP #1	14
Location	2706 52ND STREET	2706 52ND STREET	4841 58TH STREET	15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	GOULDS PUMP	GOULDS PUMP	DEMING PUMP	18
Year Installed	1987	1987	1980	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	4,900	4,900	2,100	21
Pump Motor or Standby Engine Mfr	MARATHON ELECTRIC	MARATHON ELECTRIC	U.S. ELETRICAL	22
Year Installed	1987	1987	1980	23
Type	ELECTRIC	ELECTRIC	ELECTRIC	24
Horsepower	150	150	150	25

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	58TH STREET, PUMP #2	58TH STREET, PUMP #3	75 ST & 88 AVE, PUMP #1	1
Location	4841 58TH STREET	4841 58TH STREET	8798 75TH STREET	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	CHICAGO PUMP	WEINEMAN	PACO PUMP CO	5
Year Installed	1966	1981	1988	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,200	2,100	250	8
Pump Motor or Standby Engine Mfr	LINCOLN MOTOR	LINCOLN MOTOR	U.S. MOTOR	9
Year Installed	1966	1981	1988	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	50	100	15	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	75 ST & 88 AVE, PUMP #2	75 ST & 88 AVE, PUMP #3	80TH STREET, PUMP #1	14
Location	8798 75TH STREET	8798 75TH STREET	4920 80TH STREET	15
Purpose	B	B	B	16
Destination	D	D	D	17
Pump Manufacturer	PACO PUMP CO	PACO PUMP CO	PEERLESS	18
Year Installed	1988	1988	1982	19
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	20
Actual Capacity (gpm)	500	1,500	1,200	21
Pump Motor or Standby Engine Mfr	U.S. MOTOR	U.S. MOTOR	MARATHON ELECTRIC	22
Year Installed	1988	1988	1996	23
Type	ELECTRIC	ELECTRIC	ELECTRIC	24
Horsepower	25	75	60	25

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	80TH STREET, PUMP #2	80TH STREET, PUMP #3	AIRPORT, PUMP #1	1
Location	4920 80TH STREET	4920 80TH STREET	5198 88TH AVENUE	2
Purpose	B	B	B	3
Destination	D	D	D	4
Pump Manufacturer	WORTHINGTON	WORTHINGTON	PACO PUMP CO	5
Year Installed	1987	1988	1988	6
Type	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	7
Actual Capacity (gpm)	1,800	3,500	250	8
Pump Motor or Standby Engine Mfr	U.S. MOTOR	CENTURY	U.S. MOTOR	9
Year Installed	1987	1988	2001	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	100	200	20	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	AIRPORT, PUMP #2	AIRPORT, PUMP #3	HIGHLIFT TWP-712	14
Location	5198 88TH AVENUE	5198 88TH AVENUE	1998 PROD PUMP BLDG	15
Purpose	B	B	P	16
Destination	D	D	D	17
Pump Manufacturer	PACO PUMP CO	PACO PUMP CO	INGERSOLL-DRESSER	18
Year Installed	1988	1988	1998	19
Type	CENTRIFUGAL	CENTRIFUGAL	VERTICAL TURBINE	20
Actual Capacity (gpm)	500	1,500	5,500	21
Pump Motor or Standby Engine Mfr	U.S. MOTOR	U.S. MOTOR	U.S. ELECTRICAL MOTORS	22
Year Installed	1988	1988	1998	23
Type	ELECTRIC	ELECTRIC	ELECTRIC	24
Horsepower	40	100	400	25

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	HIGHLIFT TWP-713	HIGHLIFT TWP-722	HIGHLIFT TWP-723	1
Location	1998 PROD PUMP BLDG	1998 PROD PUMP BLDG	1998 PROD PUMP BLDG	2
Purpose	P	P	P	3
Destination	D	D	D	4
Pump Manufacturer	INGERSOLL-DRESSER	INGERSOLL-DRESSER	INGERSOLL-DRESSER	5
Year Installed	1998	1998	1998	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	5,500	5,500	5,500	8
Pump Motor or Standby Engine Mfr	U.S. ELECTRICAL MOTORS	U.S. ELECTRICAL MOTORS	U.S. ELECTRICAL MOTORS	9
Year Installed	1998	1998	1998	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	400	400	400	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	HIGHLIFT VFD-711	HIGHLIFT VFD-721	LOWLIFT VFD-112	13
Location	1998 PROD PUMP BLDG	1998 PROD PUMP BLDG	RAW WATER PUMP STN.	14
Purpose	P	P	P	15
Destination	D	D	T	16
Pump Manufacturer	INGERSOLL-DRESSER	INGERSOLL-DRESSER	INGERSOLL-DRESSER	17
Year Installed	1998	1998	1998	18
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	19
Actual Capacity (gpm)	5,500	5,500	7,000	20
Pump Motor or Standby Engine Mfr	U.S. ELECTRICAL MOTORS	U.S. ELECTRICAL MOTORS	U.S. ELECTRICAL MOTORS	21
Year Installed	1998	1998	1998	22
Type	ELECTRIC	ELECTRIC	ELECTRIC	23
Horsepower	400	400	300	24

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	LOWLIFT VFD-113	LOWLIFT VFD-121	LOWLIFT VFD-131	1
Location	RAW WATER PUMP STN	RAW WATER PUMP STN.	RAW WATER PUMP STN.	2
Purpose	P	P	P	3
Destination	T	T	T	4
Pump Manufacturer	INGERSOLL-DRESSER	INGERSOLL-DRESSER	INGERSOLL-DRESSER	5
Year Installed	1998	1998	1998	6
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	7
Actual Capacity (gpm)	7,000	7,000	6,750	8
Pump Motor or Standby Engine Mfr	U.S. ELECTRICAL MOTORS	U.S. ELECTRICAL MOTORS	U.S. ELECTRICAL MOTORS	9
Year Installed	1998	1998	1998	10
Type	ELECTRIC	ELECTRIC	ELECTRIC	11
Horsepower	300	300	100	12

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	LOWLIFT VFD-132			14
Location	RAW WATER PUMP STN.			15
Purpose	P			16
Destination	T			17
Pump Manufacturer	INGERSOLL-DRESSER			18
Year Installed	1998			19
Type	VERTICAL TURBINE			20
Actual Capacity (gpm)	6,750			21
Pump Motor or Standby Engine Mfr	U.S. ELECTRICAL MOTORS			22
Year Installed	1998			23
Type	ELECTRIC			24
Horsepower	100			25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	104TH AVENUE	30TH AVENUE	60TH STREET EAST	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	ET	R	R	4
Year constructed	1958	1969	1991	5
				6
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	STEEL	7
				8
Elevation difference in feet (See Headnote 3.)	189	98	163	9
				10
Total capacity in gallons (actual)	150,000	4,300,000	3,800,000	11
				12
WATER TREATMENT PLANT				13
Disinfection, type of equipment (gas, liquid, powder, other)				14
				15
Points of application (wellhouse, central facilities, booster station, other)				16
				17
Filters, type (gravity, pressure, other, none)				18
				19
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)				20
				21
				22
Is a corrosion control chemical used (yes, no)?				23
				24
Is water fluoridated (yes, no)?				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	60TH STREET WEST	75TH STREET	80TH STREET	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	ET	R	4
Year constructed	1934	1978	1962	5
				6
Primary material (earthen, steel, concrete, other)	STEEL	STEEL	STEEL	7
				8
Elevation difference in feet (See Headnote 3.)	163	224	129	9
				10
Total capacity in gallons (actual)	2,700,000	750,000	4,000,000	11
				12
WATER TREATMENT PLANT				13
Disinfection, type of equipment (gas, liquid, powder, other)				14
				15
Points of application (wellhouse, central facilities, booster station, other)				16
				17
Filters, type (gravity, pressure, other, none)				18
				19
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)				20
				21
				22
Is a corrosion control chemical used (yes, no)?				23
				24
Is water fluoridated (yes, no)?				25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	CLEAN WATER RESERVOIR	INDUSTRIAL PARK	WASHWATER	1
RESERVOIRS, STANDPIPES OR ELEVATED TANKS				2
				3
Type: R (reservoir), S (standpipe) or ET (elevated tank)	R	ET	ET	4
				5
Year constructed	2000	1983	1963	6
				7
Primary material (earthen, steel, concrete, other)	CONCRETE	STEEL	STEEL	8
				9
Elevation difference in feet (See Headnote 3.)	1	224	80	10
Total capacity in gallons (actual)	2,500,000	750,000	250,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment (gas, liquid, powder, other)		GAS	GAS	13
				14
Points of application (wellhouse, central facilities, booster station, other)				15
				16
	CENTRAL FACILITIES	CENTRAL FACILITIES		17
Filters, type (gravity, pressure, other, none)		GRAVITY	PRESSURE	18
				19
Rated capacity of filter plant (m.g.d.) (note: 1,200,000 gal/day = 1.2 m.g.d.)		20.0000	21.7000	20
				21
				22
Is a corrosion control chemical used (yes, no)?		Y	Y	23
				24
Is water fluoridated (yes, no)?		Y	Y	25

WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If the assessments are deferred, explain.

Number of Feet								
Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	T	1.000	70	0	0	0	70	1
M	T	1.500	272	0	0	0	272	2
M	T	2.000	2,517	0	0	0	2,517	3
P	T	2.000	164	0	0	0	164	4
M	T	3.000	150	0	0	0	150	5
M	T	4.000	30,477	0	0	0	30,477	6
P	T	4.000	10	0	0	0	10	7
M	T	6.000	752,699	362	4,550	0	748,511	8
P	T	6.000	5,863	0	0	0	5,863	9
M	T	8.000	357,708	9,790	470	0	367,028	10
P	T	8.000	35,381	8,082	0	0	43,463	11
M	T	10.000	13,616	0	0	0	13,616	12
M	T	12.000	209,147	3,230	0	0	212,377	13
P	T	12.000	21,780	1,668	0	0	23,448	14
M	T	14.000	8,311	0	0	0	8,311	15
M	T	16.000	167,219	0	0	0	167,219	16
P	T	16.000	9,093	0	0	0	9,093	17
M	T	18.000	2,576	0	0	0	2,576	18
M	T	20.000	4,199	0	0	0	4,199	19
A	T	24.000	7,892	0	0	0	7,892	20
M	T	24.000	56,569	0	0	0	56,569	21
P	T	24.000	4,636	0	0	0	4,636	22
M	T	30.000	4,320	0	0	0	4,320	23
M	S	36.000	0	0	0	0	0	24
M	T	36.000	11,970	0	0	0	11,970	25
Total Within Municipality			1,706,639	23,132	5,020	0	1,724,751	
Total Utility			1,706,639	23,132	5,020	0	1,724,751	

WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
 - a. Explain how the additions were financed.
 - b. If assessed against property owners, explain the basis of the assessments.
 - c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
 - d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
L	0.625	9,068	0	41	0	9,027		1
M	0.750	10,390	0	2	0	10,388		2
L	0.750	120	0	1	0	119		3
L	1.000	161	341	0	0	502		4
M	1.000	5,758	0	2	0	5,756		5
M	1.500	606	9	0	0	615		6
L	1.500	70	0	1	0	69		7
L	2.000	51	0	2	0	49		8
M	2.000	508	3	0	0	511		9
M	3.000	95	0	0	0	95		10
M	4.000	155	4	0	0	159		11
M	6.000	201	2	0	0	203		12
M	8.000	108	4	0	0	112		13
M	10.000	6	0	0	0	6		14
M	12.000	13	0	0	0	13		15
M	16.000	1	0	0	0	1		16
Total Utility		27,311	363	49	0	27,625	0	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).
5. Explain all reported adjustments as a schedule footnote.

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	24,649	2,250	2,213	4	24,690	0	1
0.750	1,938	250	111	(13)	2,064	0	2
1.000	745	60	46	28	787	0	3
1.500	459	110	88	10	491	248	4
2.000	558	100	63	(18)	577	221	5
3.000	100	2	7	(4)	91	72	6
4.000	54	6	5	1	56	40	7
6.000	53	1	2	(5)	47	47	8
8.000	6	5	0	(1)	10	10	9
10.000	1	0	0	0	1	1	10
Total:	28,563	2,784	2,535	2	28,814	639	

Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	23,525	1,005	4	2	1	153	24,690	1
0.750	1,425	568	7	8	0	56	2,064	2
1.000	185	519	13	10	0	60	787	3
1.500	17	398	14	20	0	42	491	4
2.000	8	447	16	38	1	67	577	5
3.000	0	58	3	20	0	10	91	6
4.000	0	20	7	23	1	5	56	7
6.000	0	10	9	7	11	10	47	8
8.000	0	0	0	1	5	4	10	9
10.000	0	0	1	0	0	0	1	10
Total:	25,160	3,025	74	129	19	407	28,814	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
 - a. Fire hydrants normally have a lead size of 6 inches or greater.
 - b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	0				0	1
Within Municipality	2,902	49	32		2,919	2
Total Fire Hydrants	2,902	49	32	0	2,919	
Flushing Hydrants						
	0				0	3
Total Flushing Hydrants	0	0	0	0	0	

NR811.08(5) recommends that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Please provide the number operated during the year

Number of hydrants operated during year: 1,570

Number of distribution system valves end of year: 5,123

Number of distribution valves operated during year: 489

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

Account 633 Maint. of Pumping Equipment. This account increased 22% or \$10,826 over 2001 expense levels. Rewinding of bearings on a pump motor amounted to \$7,599.

Account 640 Operation Supervision & Engr. This account increased 77% or \$29,692 over 2001 expense levels. This includes the allocation of 38% of the salary for the Director of Operations who now has supervisory responsibility for this area.

Account 643 Miscellaneous Expenses. This account decreased 57% or \$8,245. Expenses in 2001 included \$6,208 of expense of the Utility's GIS supervisor who did project work dealing with the water treatment plant. No such expense was incurred in 2002.

Account 651 Maint. of Structures and Improvements. This account decreased 84% or \$150,668 in 2002 as compared to 2001. In 2001 painting of the filter gallery piping was done at a cost of \$155,170. No painting was done in 2002.

Account 652 Maint. of Water Treatment Equipment. This account increased 38% or \$100,395 over 2001 levels. Addition of the third train of membrane filters resulted in additional operating expenses. Membrane filter maintenance increased from \$11,166 to \$17,917 for nine months of the year. Also an upgrade of the software that is used to run the treatment plant equipment was done.

Account 660 Operation Supervision & Engineering. The account decreased 27% or \$11,542 over 2001 levels. This was due to more use of staff engineers on distribution related operational projects.

Accounts 662 Transmission & Distribution Line Expenses. This account decreased 57% or \$47,807 over 2001 levels. This was due to a State of Wisconsin resurfacing project for Sheridan Road. This involved significant valve relocation and replacement expense.

Account 670 Supervision & Engineering Distribution System. This account increased 54% or \$16,195 over expense levels of 2001. Less in house capital work was done in 2002 which resulted in more supervisory wages being expensed. Also the account included an allocation of the wages of the Director of Operations who now has responsibility in this area.

Account 672 Maint. of Distribution Reservoirs and Standpipes. This account decreased 51% or \$179,547 from year 2001 levels. In 2002 there were no contracts let for tank painting however the 2001 work on the 75th Street tank was not completed and actually done in 2002. This painting required the tank be shrouded as it is in a retail shopping area. High winds and unseasonable fall weather prevented the completion until 2002.

Account 673 Maint. of Transmission Mains. This account decreased 22% or \$124,313. This is because year 2001 figures were unusually high due to repairs to three backhoes and a concrete breaker in year 2001. The 2002 expenses are actually at a normal level.

Account 675 Maint. of Services. This account increased 59% or \$54,663 over

WATER OPERATING SECTION FOOTNOTES

year 2001 expense levels. In 2002 a few water main relay jobs were done in distribution mains. Although the main was capitalized reconnection of the existing services was expensed. This amounted to \$49,850 of expenses.

Account 677 Maint. of Hydrants. This account increased 95% or \$18,212 over 2001 expense levels. This was due to hydrant painting by two seasonal workers. This amounted to an additional \$10,000 labor, \$3,000 supervision expense and about \$3,000 additional materials.

Account 923 Outside Services Employed. This account decreased 23% or \$30,802 from 2001 expense levels. This account decreased due to reallocation of City Services charges to other functional accounts as well as a decrease in charges for inhouse engineering services.

Account 925 Injuries and Damages. This account increased 77% or \$16,203 from 2001 expense levels. This was due to increased workers compensation expenses. The Utility essentially self-insures and direct pays all medical expenses. Insurance is carried for very large claims. Claims for 2002 included a knee injury (Oscar) with a \$3,910 partial disability payment. There were also injuries including sprained back (Puckett), shoulder sprain (Price), broken finger (Young), sprained shoulder (Oscar), back strain (Bosovich), and hand/wrist injury (Werner).

Account 926 Employee Pensions & Benefits. This account increased 26% or \$91,551 over year 2001 expense levels. Health insurance premiums increased \$72,000. Also WRS expense is up \$14,000 from 2001 levels.

Water Utility Plant in Service (Page W-08)

Additions:

332 Addition of 9 micromembrane filtration units (construction authorization 2820-CW-105). Units were operational April 2002; final cost was \$2,193,665. This project is now complete. Addition of flocculation equipment, \$99,519. Addition of a particle counter, \$4,480.

Adjustments:

348 Two hydrants were retired in 2001 from the wrong account; retirement entry reversed in 2002. The hydrants were part of the Wastewater Treatment Plant.

Accumulated Provision for Depreciation - Water (Page W-10)

Account 316 Supply Main (response to 2001 annual report review). Additional depreciation of \$18,077.97 was accrued in addition to 2002 depreciation of \$6,025.99. This was to make up for depreciation not accrued for the years 1999, 2000 and 2001.

Pumping and Purchased Water Statistics (Page W-12)

Per 7/11/03 utility letter, ground water changed to surface water and 96700 minimum gallons changed to 9670 gallons. etc

Water Mains (Page W-17)

Main installed by the Utility or its contractors is financed with Utility earnings. Assessments are levied if applicable.

WATER OPERATING SECTION FOOTNOTES

Water Services (Page W-18)

Fees collected for services are governed by Rate Tariff CZ-1. Fees are paid when installation is requested by the customer or after installation of a water main. Billing is done via the assessment system. In 2002, 100 services were added by customer request and through assessments with \$39,574 collected. Due to the advent of developers agreements, the Utility processes very few assessments for connections. In the assessment process the customer is given all legal notices regarding the installation. After installation the customer has 30 days to pay interest free. If unpaid, interest accrues at 7.5% annually. In November of each year unpaid assessments are placed on the tax roll as special assessments for collection.

If a connection is installed by a developer, the connections are added to the Utility's asset records at the installation cost as identified by the developer plus any engineering or inspection costs incurred by KWU. If this is not available, they are added at the Utility's average cost for that size of connection. The following connections were added under developer agreements in 2002:

Stonefield Subdivision	194	1" connections
Stonefield Subdivision	1	1-1/2" connection
Fireside Estates Subdivision	25	1" connections
Park Vue North Subdivision	7	1" connections
Park Ridge #2 Subdivision	13	1" connections
Park Ridge #3 Subdivision	19	1" connections
Huxhold, 14th Ave. & 18th St.	4	1" connections

Meters (Page W-19)

At the end of each year the Utility counts the meters physically in the stock room, meter shop and meter repair vehicles. This is our in stock inventory. The 50 hydrant meters are not included. The customer accounts on the water file billing system are counted also. The sum of these two is our meter count at year end. We know for certain the purchases for the year, therefore the amount in the adjustments column must be meters retired but not recorded or a miscount of the year end inventory.

In the year 2001 PSC report the meters for size 1.5", 2" and 3" were listed off one line. These are now corrected and the figures in the adjustments column for these sizes reflect this. As for the other adjustments we hope in 2003 to do a detailed reconciliation of meters in customers property to our mass property records for meters.

We are pleased to note that we are in compliance for large meter testing. A change in scheduling of large meter testing has shown to be very productive. For smaller meters 5/8", 3/4" and 1" meters the Utility has adopted a 20 year change-out program. This program is first targeting meters with known problems.

WATER OPERATING SECTION FOOTNOTES

Hydrants and Distribution System Valves (Page W-20)

The Utility plans to exercise 50% of the hydrant and distribution system valves each yer. The number of valves operated during the year was less than anticipated for several reasons. The number of man hours available for operating valves is inversely related to increased demands for emergencies and time-important repairs such as sanitary sewer, water main and services. Renewed emphasis on the hydrant operating program allowed more than 50% of the total hydrants to be operated again this year.
